

 **american dryer**[®]

GREEN·CLEAN·EXTREME™

HIGH SPEED HAND DRYERS

FOR THE NEXT GENERATION™



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2010 PRODUCT GUIDE





American Dryer has been creating quality hand and hair dryers for over 55 years. Demand for our products has expanded to over 30 countries worldwide.

Our line of maintenance-free hand dryers saves customers 95% of paper towel costs while protecting the environment. We offer a complete line of fast, energy efficient hand dryers made in the U.S.A. All of our hand dryers are backed by the industry's premier same-day factory service.

American Dryer recently expanded the **EXTREMEAIR** series high speed, energy efficient hand dryer with the new **EXT** series. The **EXT** consumes 3 times less power than other "green" hand dryers - an industry leading 540 watts of electricity.

THE AMERICAN DRYER ADVANTAGE:

COST SAVINGS

ENERGY EFFICIENCY

VANDAL RESISTANT

MAINTENANCE FREE DESIGN

SAME-DAY SERVICE

SAME-DAY SHIPPING

cost savings

Our hand dryers offer substantial cost savings. You can dry your hands up to 55 times for the cost of one paper towel. Our newest model, the **EXTREMEAIR EXT** series, uses less energy than any hand dryer worldwide.

The **EXT** uses an industry best \$0.18 of electricity per 1,000 hand dryings!

COST COMPARISON PER 1,000 HAND DRYINGS



COST ANALYSIS FOR A UNIVERSITY

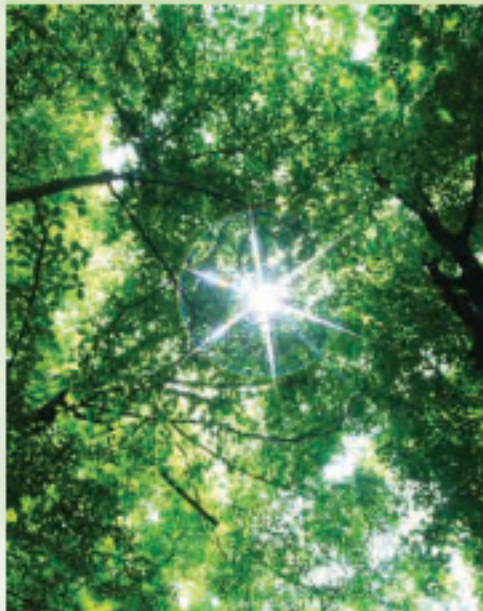
Paper Towel Usage	3,850 CASES
Total Paper Costs	\$103,950
Hand Dryer Operating Costs	\$3,800
ANNUAL SAVINGS	\$100,870
Payback Time	12 MONTHS

COST ANALYSIS FOR A SPORTS ARENA

Paper Towel Usage	800 CASES
Total Paper Costs	\$24,000
Hand Dryer Operating Costs	\$533
ANNUAL SAVINGS	\$23,466
Payback Time	11 MONTHS



GREEN



Paper towels cannot be recycled, consume precious resources, and use excessive landfill space. **Making one ton of virgin paper towels can use:**

7,000 GALLONS OF WATER

17 FULL GROWN TREES

384 GALLONS OF OIL



The **eXTREMEAIR** hand dryer has been GreenSpec® Listed. This is an unbiased list of the most environmentally friendly products published by the editors of *Environmental Building News*. The **eXTREMEAIR** met tough GreenSpec standards because it **uses 80% less energy than conventional hand dryers** and reduces maintenance and waste.

The **eXTREMEAIR** helps facilities qualify for LEED® Credits. LEED stands for Leadership in Energy and Environmental Design. The **eXTREMEAIR** helps facilities qualify for LEED Credits in two categories.



CLEAN



Researchers have concluded that our high speed, energy efficient hand dryers are the most sanitary method of hand drying.

Additionally, our hand dryers eliminate the mess and maintenance associated with paper towels. Hand dryers are always ready 24/7. There are no more empty paper towel dispensers to fill and no overflowing trash cans.



NO
PAPER TOWEL
MESS

NO
DAILY
MAINTENANCE

NO
CLOGGED
TOILETS

EXTREME



EXTREME SPEED
DRIES 3 X FASTER

EXTREME SAVINGS
95% LESS VS PAPER

EXTREME DESIGN
43% SMALLER

EXTREME EFFICIENCY
3 X LESS ENERGY



EXTREME
DURABILITY

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EXTREMEAIR® GXT & EXT SERIES

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THE MOST COMPACT
HIGH SPEED ENERGY EFFICIENT
 HAND DRYERS - MADE IN THE U.S.A.



GXT SERIES

FASTEST

MAXIMUM
 performance

best selling • energy efficient

10-12 seconds
 Drying Time

1500 watts
 Power



new

EXT SERIES

GREENEST

NO dedicated
 line required

Connect up to 3 dryers on one line!

12-15 seconds
 Drying Time

540 watts
 Power

GXT MODEL REFERENCE CHART			ELECTRICAL RATINGS		
ABS White	Steel White	Steel Chrome	All models 50/60 Hz		
			Volts	Amps	Watts
GXT6	GXT6-M	GXT6-C	110-120	12.5	1500
GXT8	GXT8-M	GXT8-C	208-240	6.5	1500

EXT MODEL REFERENCE CHART			ELECTRICAL RATINGS		
ABS White	Steel White	Steel Chrome	All models 50/60 Hz		
			Volts	Amps	Watts
EXT2	EXT2-M	EXT2-C	110-120	4.5	540
EXT4	EXT4-M	EXT4-C	208-240	2.3	540

Recessed Mounting is available by designating (R) after model no. or order kit separately.

Recessed Mounting is available by designating (R) after model no. or order kit separately.

3 X FASTER

80 - 90% LESS ENERGY

95% COST SAVINGS

16,000 LFM Air Velocity

83 dB Sound Level

135° F
Air Temperature
GXT SERIES

95° F
Air Temperature
EXT SERIES

EXTREMEAIR® GXT & EXT SERIES

Overview:

The **EXTREMEAIR** is **THE HIGH SPEED HAND DRYER FOR THE NEXT GENERATION™**. The patented design is the most compact, energy efficient and affordable method of hand drying. The **EXTREMEAIR** saves 95% versus paper towel costs while drying hands in as quick as 10 seconds. The compact design will provide many years of trouble-free service.

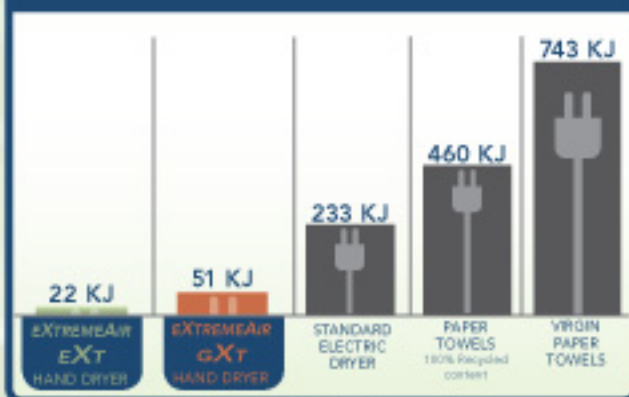
Construction Features:

MOST COMPACT high performance hand dryer in the industry. It's **43% smaller** than old "industry standard" high speed dryers; yet, it's just as powerful and uses less electricity.

Going Green

The **EXTREMEAIR EXT** SERIES IS THE FIRST AND ONLY HIGH SPEED HAND DRYER TO REDUCE POWER CONSUMPTION TO AN INDUSTRY LEADING 540 WATTS OF ELECTRICITY. THAT'S UP TO 3 X LESS POWER THAN OTHER "GREEN" HAND DRYERS.

COMPARISON OF ENERGY PER USE



Energy is measured in KiloJoules (KJ). Lower numbers represent less energy use and less cost.

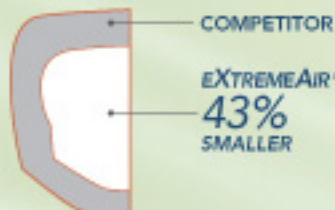
ACCESSORIES



Recess Kit (R)
Reduces the depth of the dryer to less than 4 inches.



Universal Adapter Plate (AP)
14 gauge stainless steel plate (14" H x 16" W) used to cover holes from older bulky hand dryers and paper towel dispensers being replaced.



VANDAL RESISTANT – Two tamper resistant screws secure the heavy duty vandal resistant cover to the steel base. Motor and heater are inaccessible to vandals. Air intake is shielded for additional safety.

HEAVY DUTY ONE-PIECE COVER OPTIONS –

- Flame retardant white ABS
- Steel with white epoxy finish (M)
- Steel with satin chrome finish (C)

MOTOR – Powerful series commutated through-flow discharge vacuum motor/blower with automatic resetting thermal protector. 5/8 HP, 24,000 RPM.

AUTOMATIC SENSOR – RoHS compliant lead-free design. Microprocessor controlled infrared sensor turns dryer on when hands are under the outlet for up to 80 seconds.

HEATING – **aXt models** add a heating element to instantly raise the air temperature to 135°F. The heating element has an automatic thermal protector and operates in the black range for maximum life. **EXT models** use motor heat to efficiently raise the air temperature to 95° F.

WARRANTY – 5-year limited warranty with same-day factory repair or shipment of replacement parts.

DIMENSIONS: Surface: 10-1/8" W x 9-3/8" H x 5-5/8" D

MOUNTING HEIGHTS:

Men	44"
Women	42"
Children	32-42"
Handicapped	36"



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American® DR and A series

Maintenance free
 Quiet, dependable operation
 360° revolving nozzle
 Vandal resistant
 Durable finish-looks new for years
 10 year limited warranty



DR-TN Series White Automatic



DR-TNSS Stainless Steel Automatic



A-T Series White Automatic / Surface Mount



DR-NSS Stainless Steel Push Button



DR-N Series White Push Button



A-TR Series White, Automatic / Recessed Mount

OVERVIEW:

THE DR AND A SERIES HAND DRYERS' TIME-TESTED DESIGN FEATURES QUIET, DEPENDABLE OPERATION IN A HEAVY DUTY, VANDAL-RESISTANT PACKAGE.

construction features:

DR SERIES COVER & FINISH – One-piece, heavy duty, 16 gauge steel with white enamel finish or optional 18 gauge type 304 stainless steel with brushed finish (SS).

A SERIES COVER & FINISH – One-piece, heavy duty, 1/4" thick cast iron cover with white porcelain enamel finish is the ultimate in vandal resistance.

TAMPER RESISTANT – Tamper resistant screws secure cover to base. Air intake vents are shielded for additional safety.

MOTOR – Permanently lubricated, maintenance free, brushless induction motor with automatic resetting thermal protector. 1/10 HP, 3200 RPM.

NOZZLE & PUSH BUTTON – Chrome plated zinc die castings. 360° revolving nozzle is standard. A fixed nozzle (F) is optional on all models.

DR SERIES TIMER – Push button models use a heavy duty timer for extended life. Turns on with a light touch. Turns off automatically.

AUTOMATIC SENSOR – RoHS compliant lead-free design. Microprocessor controlled infrared sensor turns dryer on when hands are under the outlet for up to 80 seconds.

HEATING ELEMENT – Constructed of NiChrome resistance wire with automatic resetting thermostat. Side mounted heating element operates in the black range for maximum life.

specifications DR and A

AIR FLOW	160 CFM (Cubic Feet per Min.)
AIR VELOCITY	5500 LFM (Linear Feet per Min.)
AIR TEMP	130 - 145°F at 72°F Ambient
SOUND LEVEL	71 dB (Quietest in its class)
DIMENSIONS SURFACE	DR 11" W x 9-1/4" H x 8-7/8" D
	A 11-3/8" W x 9-7/8" H x 8-7/8" D
DIMENSIONS RECESSED	DR 15-5/8" W x 12-3/8" H x 5-5/8" D
	A 12-1/2" W x 10-1/16" H x 6" D

WARRANTY: 10-year limited warranty. Includes same day factory repair or part replacement. Sensor 5 years. See owner's manual for details.

DR model reference chart

PUSH BUTTON		AUTOMATIC		ELECTRICAL RATINGS			
Surface Model	Drying Cycle	Surface Model	Drying Cycle	Volts	Amps	Watts	Hertz
DR10N	40 sec	DR10TN	Auto	110-120	15	1725	60
DR20N	30 sec	DR20TN	Auto	110-120	20	2300	60
DR35N	30 sec	DR35TN	Auto	208-240	10	2300	50/60

AVAILABLE OPTIONS:
 Stainless steel cover add (SS) after model no. Fixed nozzle add (F) after model no.
 Hair drying with 80 second cycle add (H) after model no. Automatic models only.
 Recess Mounted add (R) after model no. or order kit separately.

A model reference chart

AUTOMATIC			ELECTRICAL RATINGS			
Surface Model	Recessed Model	Drying Cycle	Volts	Amps	Watts	Hertz
A70T	A70TR	Auto	110-120	20	2300	60
A80T	A80TR	Auto	208-240	10	2300	50/60

AVAILABLE OPTIONS: Fixed nozzle add (F) after model no.

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GLOBAL® GX series



GX-C Series Chrome Finish



GX Series White Finish



GX-MR
Recessed Mount

A **RECESS KIT** is available to reduce the depth of the dryer to less than 4" from the surface of the wall on all models.

LESS
THAN
4"
FROM
WALL

Maintenance free

Quiet,
dependable
operation

Vandal resistant

Exceptional
value & reliability

Up to 5 year
limited warranty

THE GX SERIES AUTOMATIC HAND DRYERS PROVIDE A QUIET AND COMPACT DESIGN TO FIT ANY BUDGET.

construction features:

SERIES COVER & FINISH – One-piece heavy duty, flame retardant ABS polymer with white finish. Optional one-piece 18 gauge steel cover finished with electrostatically applied, chip-resistant white epoxy finish (M), or chrome-plated satin finish (C).

TAMPER RESISTANT – Tamper resistant screws secure cover to base. Air intake vents are shielded for additional safety.

MOTOR – Permanently lubricated, maintenance-free, brushless induction motor with automatic resetting thermal protector. 1/12 HP, 3100 RPM.

AUTOMATIC SENSOR – RoHS compliant lead-free design. Microprocessor controlled infrared sensor turns dryer on when hands are under the outlet for up to 80 seconds.

HEATING ELEMENT – Constructed of NiChrome resistance wire with automatic resetting thermostat. Heating element operates in the black range for maximum life.

specifications GX

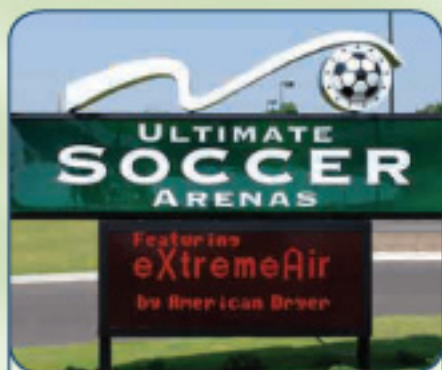
AIR FLOW	130 CFM (Cubic Feet per Min.)
AIR VELOCITY	4500 LFM (Linear Feet per Min.)
AIR TEMP	130°F at 72°F Ambient
SOUND LEVEL	63 dB (Quietest in its class)
DIMENSIONS SURFACE	10-1/8" W x 9-3/8" H x 5-5/8" D
MOUNTING HEIGHTS (From floor to bottom of hand dryer)	Men 44" Women 42" Children 32" 42" Handicapped 36"

WARRANTY:
 5-year limited warranty GX-M/C. 3-year limited warranty GX.
 Includes **same day** factory repair or part replacement.
 See owner's manual for details.

MODEL			ELECTRICAL RATINGS			
ABS White	Steel White	Steel Chrome	Volts	Amps	Watts	Hertz
GX1	GX1-M	GX1-C	110-120	12	1500	50/60
GX3	GX3-M	GX3-C	208-240	6	1500	50/60

Recessed Mounting is available by designating (R) after model no. or order kit separately.

The **EXTREMEAIR**[®] Saves Companies Money while Going Green:



"Ultimate Soccer Arenas & World Cup Grill will save **\$23,000** this year with the **EXTREMEAIR**"

- George Derderian, Owner
Ultimate Soccer Arenas
North America's Largest
Indoor Soccer Facility

Environmental Project

Reduce Reuse Recycle - 96 Cubic Yards of Landfill Space

• American Dryer ExtremeAir Hand Dryers



In July 2008 we switched from five paper towel dispensers in various places around the plant to these new High Speed / High Efficiency hand dryers. It will take less than \$16 dollars of electricity to run all five hand dryers for one year. The benefits of this project are three fold. We no longer need to purchase the D cell batteries needed to operate the dispensers and were able to reduce from a 4 cubic yard dumpster pulled once per week to a 2 yard dumpster pulled once every other week.

A major bottling company will eliminate about 96 yards of landfill waste per year by replacing 5 paper towel dispensers with **EXTREMEAIR** hand dryers. The operating costs of the hand dryers is less than \$16 per year!

- The customer placed this sign above the dryers to educate employees on the benefits of our hand dryers.

EXTREMEAIR[®] Customers:

- Coca Cola
- Tyson Foods
- Whole Foods Market
- Del Monte
- Verizon Wireless
- Miami Dade Health Dept.
- Dana Corporation
- Central Michigan University
- Sony Electronics
- Clemson University
- University of Massachusetts
- National Geographic
- Hilton Hotels
- Statue of Liberty
- Michigan DOT
- GEICO
- Sears Robuck & Co.
- many others...



Contract Holder
GS-07F-0096W

American Dryer has been awarded a contract by the United States General Services Administration. Special pricing is available to federal government agencies. visit: gsaadvantage.gov



The **EXTREMEAIR** was recently featured on *Building a Sustainable Future* which aired on The Discovery Channel.

OTHER MEDIA APPEARANCES



GENERAL INFORMATION

DRYER PLACEMENT:

Dryers should be placed at least 2 feet apart and at least 12" from washbasin. Do not install dryer over washbasin. Automatic dryers should be at least 18" above any projection which may interfere with the operation of the automatic sensor.

DRYER INSTALLATION:

Hand dryers require a dedicated 15 amp or 20 amp electrical line (except the **EXt** series) and must be properly grounded. One side of dryer should be mounted to a stud. All surface mount dryers are provided with conduit entrances for both in wall and surface wiring.

QUANTITY ESTIMATE, HAND DRYER:

Average traffic washroom.....1 dryer per 2 washbasins
Heavy traffic washroom.....1 dryer per washbasin
54" wash fountain.....4 dryers per sink

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